

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
19 May 2005 (19.05.2005)

PCT

(10) International Publication Number
WO 2005/044924 A1

- (51) International Patent Classification⁷: **C09B 67/08**, 67/22, C09D 11/02
- (21) International Application Number:
PCT/EP2004/052741
- (22) International Filing Date:
1 November 2004 (01.11.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
03104151.0 11 November 2003 (11.11.2003) EP
- (71) Applicant (for all designated States except US): **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **NIVEN, Stuart** Cook [GB/GB]; 15 Benbain Place, Girdle Toll, Irvine Ayrshire KA11 1RG (GB). **WILCOX, Joyce** [GB/GB]; 35 Lammernmuir Drive, Paisley Renfrewshire PA2 8BP (GB). **HAGGATA, Stephen** [GB/GB]; 116 Jackson Drive, Stepps, Glasgow North Lanarkshire G33 6GF (GB).
- (74) Common Representative: **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Patent Department, Klybeckstrasse 141, CH-4057 Basel (CH).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
— with amended claims and statement
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **PIGMENT COMPOSITIONS FOR OIL-BASED LITHOGRAPHIC PRINTING INK SYSTEMS**

(57) Abstract: Pigment compositions for oil-based lithographic printing ink systems are provided which comprise as colourant a mixture of an organic pigment and an organic dyestuff soluble in an organic solvent (solvent dye). The printing inks prepared from these pigment compositions show outstanding improvements in colour strength combined with improvements in both gloss and transparency of the prints obtained.

WO 2005/044924 A1